

**NAME**

updwtmp, logwtmp – append an entry to the wtmp file

**SYNOPSIS**

```
#include <utmp.h>
```

```
void updwtmp(const char *wtmp_file, const struct utmp *ut);
void logwtmp(const char *line, const char *name, const char *host);
```

For `logwtmp()`, link with `-lutil`.

**DESCRIPTION**

`updwtmp()` appends the utmp structure `ut` to the wtmp file.

`logwtmp()` constructs a utmp structure using `line`, `name`, `host`, current time and current process ID. Then it calls `updwtmp()` to append the structure to the wtmp file.

**FILES**

`/var/log/wtmp`

database of past user logins

**ATTRIBUTES**

For an explanation of the terms used in this section, see [attributes\(7\)](#).

Interface	Attribute	Value
<code>updwtmp()</code> , <code>logwtmp()</code>	Thread safety	MT-Unsafe sig:ALRM timer

**CONFORMING TO**

Not in POSIX.1. Present on Solaris, NetBSD, and perhaps other systems.

**NOTES**

For consistency with the other "utmpx" functions (see [getutxent\(3\)](#)), glibc provides (since version 2.1):

```
#include <utmpx.h>
void updwtmpx (const char *wtmpx_file, const struct utmpx *utx);
```

This function performs the same task as `updwtmp()`, but differs in that it takes a `utmpx` structure as its last argument.

**SEE ALSO**

[getutxent\(3\)](#), [wtmp\(5\)](#)

**COLOPHON**

This page is part of release 4.16 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.